

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

INVENTORSHIP ..... BADDING, John V. et al.  
 U.S. SERIAL NO..... 10/575,199  
 PCT APPLICATION NO. .... PCT/GB2004/004293  
 U.S. FILING DATE ..... 10 APR. 2006  
 INTERNATIONAL FILING DATE ..... 08 OCT. 2004  
 PRIORITY DATE ..... 10 OCT. 2003  
 ART UNIT ..... n/a  
 ATTORNEY DOCKET NO. .... SO03-P05  
 TITLE: SYNTHESIS OF GERMANIUM SULPHIDE AND RELATED COMPOUNDS

**PTO TRANSMITTAL LETTER AND CERTIFICATE OF MAILING**

To: Mail Stop PCT  
 Commissioner for Patents  
 P. O. Box 1450  
 Alexandria, VA 22313-1450

From: John S. Reid  
 1926 South Valleyview Lane  
 Spokane, WA 99212-0157  
 Telephone: (509) 534-5789  
 Fax: (509) 532-0351

Enclosed are:

1. Return Receipt Postcard
2. Check for \$105
3. Transmittal Letter and Certificate of Mailing (1 sheet)
4. Transmittal Letter to the DO/EO/US Concerning a Submission under 35 USC 371 (3 pages)
5. Declaration of Joint Inventors (4 pages)
6. Assignment and Assignment Recordation cover sheet (7 pages total)
7. Power of Attorney of Assignee (2 pages)

Submitted by:

Date: May 30, 2006

By: 

John S. Reid  
 Reg. No. 36,369  
 Attorney and agent for Applicants,  
 John V. BADDING et al., assignors to the  
 University of Southampton

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**CERTIFICATE OF MAILING**

I hereby certify the items listed above as enclosed are being deposited with the U.S. Postal Service as first class mail in an envelope addressed to The Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the below-indicated date.

Date: May 30, 2006

By: 

John S. Reid

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>S003-P05</b>
INTERNATIONAL APPLICATION NO. <b>PCT/GB2004/004293</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/575,199</b>
INTERNATIONAL FILING DATE <b>08 OCT. 2004</b>		PRIORITY DATE CLAIMED <b>10 OCT. 2003</b>
TITLE OF INVENTION <b>Synthesis of Germanium Sulphide and Related Compounds</b>		
APPLICANT(S) FOR DO/EO/US <b>BADDING, John V. et al.</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<div style="display: flex; flex-direction: column;"><div>1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</div><div>2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</div><div>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</div><div>4. <input type="checkbox"/> The US has been elected (Article 31).</div><div>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))<div style="margin-left: 20px;"><div>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</div><div>b. <input type="checkbox"/> has been communicated by the International Bureau.</div><div>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</div></div></div><div>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).<div style="margin-left: 20px;"><div>a. <input type="checkbox"/> is attached hereto.</div><div>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</div></div></div><div>7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))<div style="margin-left: 20px;"><div>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</div><div>b. <input type="checkbox"/> have been communicated by the International Bureau.</div><div>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</div><div>d. <input type="checkbox"/> have not been made and will not be made.</div></div></div><div>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</div><div>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</div><div>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</div></div>		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
<div style="display: flex; flex-direction: column;"><div>11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</div><div>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</div><div>13. <input type="checkbox"/> A preliminary amendment.</div><div>14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</div><div>15. <input type="checkbox"/> A substitute specification.</div><div>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</div><div>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.</div><div>18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</div><div>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</div></div>		

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/575,199</b>	INTERNATIONAL APPLICATION NO. <b>PCT/GB2004/004293</b>	ATTORNEY'S DOCKET NUMBER <b>S003-P05</b>
20. Other items or information: - Return Receipt Postcard - Certificate of Mailing - Check for \$105.00		
The following fees have been submitted		<b>CALCULATIONS</b>
21. <input type="checkbox"/> Basic national fee (37 CFR 1.492(a))..... <b>\$300</b>		\$
22. <input type="checkbox"/> Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... <b>\$0</b> All other situations..... <b>\$200</b>		\$
23. <input type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... <b>\$0</b> Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... <b>\$100</b> International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... <b>\$400</b> All other situations..... <b>\$500</b>		\$
<b>TOTAL OF 21, 22 and 23 =</b>		
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is <b>\$250</b> for each additional 50 sheets of paper or fraction thereof.		
Total Sheets	Extra Sheets	RATE
- 100 =	/50 =	x \$250
		\$
Surcharge of <b>\$130.00</b> for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$ 130
CLAIMS	NUMBER FILED	RATE
Total claims	- 20 =	x \$ 50
Independent claims	- 3 =	x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ 130
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		(\$65)
<b>SUBTOTAL =</b>		\$ 65
Processing fee of <b>\$130.00</b> for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		\$
<b>TOTAL NATIONAL FEE =</b>		\$ 65
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). <b>\$40.00</b> per property		\$ 40
<b>TOTAL FEES ENCLOSED =</b>		\$ 105
		Amount to be refunded:
		\$
		Amount to be charged
		\$

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- a. ☒ A check in the amount of \$ 105 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. \_\_\_\_\_. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

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Reidlaw, L.L.C.  
1926 S. Valleyview Lane  
Spokane, WA 99212-0157  
Ph: (509) 534-5678  
Fax: (509) 532-0351

  
SIGNATURE

John S. Reid

NAME

36,369

REGISTRATION NUMBER

Date: May 30, 2006